

ABSTRACT

The present invention relates to a porous membrane and a process for the preparation of the same by combining two or more additives, wherein said membrane, useful for ultrafiltration, shows excellent combination of high water flux and solute rejection, said method comprising steps of adding two or more additives in organic solvent(s) to obtain a dope solution, stirring the dope solution, adding polymer slowly into the dope solution, stirring the dope solution, degassing the dope solution, removing the undissolved particles to obtain homogeneous dope solution, casting the homogeneous dope solution, precipitating the cast in a non-solvent, washing the precipitated cast in running water and obtaining the porous membrane having excellent combination of high water flux and solute rejection.